

Abstract

A ball screw comprises a screw shaft, a nut assembled with the screw shaft, a number of balls disposed in the ball rolling passage formed by a ball rolling groove formed to the screw shaft and a loaded ball rolling groove formed to the nut, a number of spacers disposed between the balls in the ball rolling passage, and a circulation member for circulating the balls and spacers in accordance with a relative motion of the nut with respect to the screw shaft. The circulation member is provided with a scoop-up groove for scooping the balls, when contacting the ball rolling in the ball rolling passage, at both side edge portions of the scoop-up groove and is also provided with a spacer scoop-up portion which contacts and scoops the spacer moving in the ball rolling passage without contacting the balls. Such circulation member will be preferably utilized for a motion guide device such as linear motion guide or spline shaft.